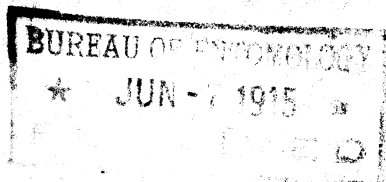


UNITED STATES DEPARTMENT OF AGRICULTURE,
FEDERAL HORTICULTURAL BOARD.

WASHINGTON, D. C.



June 12, 1914.

NEWS LETTER NO. 10.

Dear Sir:

Owing to our failure to get all the monthly inspection reports promptly at or near the end of the month it proves impossible to make the monthly reports cover all of the findings of the month concerned. These news letters, therefore, will be prepared as near the first of each month as possible, and will include all of the reports received subsequent to the previous monthly report.

In submitting reports it is desirable to know briefly what action has been taken in case of any pest found. Naturally, with unimportant insects or diseases which are already widely distributed and well established in this country, no action may be necessary, the decision, perhaps, resting on the amount of infestation, but in the case of any pest (insect or fungus) less widely distributed or more dangerous, a note as to the action taken will be appreciated.

With this letter a special list is given of records obtained at the port of New York by the federal inspector, Mr. Harry B. Shaw. Mr. Shaw is particularly charged with the examination of foreign potatoes offered for entry, and his records, therefore, will largely relate to potatoes, but he will also examine such importations of nursery stock and fruits as require examination as a condition of entry.

It will be noted that powdery scab is reported from Holland, Belgium, and the Island of Bornholm, Denmark. The report as to Holland is made direct by Dr. Bos, reporting findings made by his inspectors in Holland. The other two reports are based on New York port-of-entry inspections. As a result of these findings, the further importation of potatoes from Holland, Belgium, and the Island of Bornholm, Denmark, is prohibited, pending the taking of suitable action by the countries concerned.

Yours very truly,

C. L. MARLATT,

Chairman of Board.

List by Countries of Pests Collected.

Name of Pest.	Host.
<u>AUSTRALIA.</u>	
Leaf rollers	Staghorn plants
<u>BELGIUM.</u>	
Aleyrodes sp. (White fly)	Palms (2)
Aphids (Plant lice)	Palms
Aspidiotus britannicus (Scale insect)	"
" " " "	Evergreens
" " " "	Bay trees (8)
" hederæ (Ivy scale)	Aspidistra
" " " "	Bay trees (2)
" " " "	Palms (4)
" " (?) (Ivy scale)(?)	Aspidistra (5)
" " (?) " " (?)	Palms (8)
Chrysomphalus dictyospermi (Scale insect)	" (5)
" ficus (Florida red scale)	Aspidistra
" " " " "	Palms (9)
" sp. (Scale insect)	Bay trees
Coccus hesperidum (Soft brown scale)	" " (40)
" " " " "	Citrus
" " " " "	Evergreens
" " " " "	Palms (4)
" " " " "	? (2)
Diaspis boisduvalii (?) (Palm scale)(?)	Palms (2)
Lecanium (?) (Scale insect)	"
Notolophus antiqua (European tussock moth)(eggs)	Bay tree
Pseudococcus nipae (Mealy bug)	Palms
" sp. (Mealy bug)	Araucarias (2)
" " " "	Dracaena
" " " "	Palms
Saissetia hemisphaerica (Hemispherical scale)	"
Spiders, red	" (2)
Diseases:	
Colletotrichum kentiae	Palms
" omnivorum	Aspidistra
Spongospora subterranea (Powdery scab)	Potatoes (2)
<u>BERMUDA.</u>	
Disease:	
Oospora scabies (Common potato scab)	Potatoes
<u>BRAZIL.</u>	
Bruchus sp. (Weevil)	Leguminous plant

Name of Pest.

Host.

CHINA.

Calandra oryza (Rice weevil)	Corn
Sitotroga cerealella (Angoumois grain moth)	"
Disease:	
Pestalozzia guepina Desm. ?	Diospyros kaki

COLOMBIA.

Targionia biformis (Scale insect)	Orchids
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COSTA RICA.

Bruchus obtectus (Bean weevil)	Phaseolus
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DENMARK.

Notolophus antiqua (European tussock moth)(eggs)	Apple stock
Diseases:	
Bacterium tumefaciens (Crown gall)	Apple stock (2)
Oospora scabies (Common potato scab)	Potatoes (2)
Phytophthora	"
Rhizoctonia (sclerotia of)	"
Silver scurf	" (2)
Spongospora subterranea (Powdery scab)	" (Isl. of Bornholm)

ENGLAND.

Amara ovata (Ground beetle; not injurious)	In packing
Aspidiotus lataniae (Scale insect)	Orchids
Chrysomphalus ficus (Florida red scale)	Calophyllum calaba
Cutworm larvae	Strawberries
Diaspis boisduvalii (Scale insect)	Orchids
Lepidosaphes ulmi (Oyster-shell scale)	Boxwood
Leptobyrsa explanata (Lace-bug)	Rhododendrons
Pseudococcus sp. (Mealy bug)	Palms
" " " "	Crescentia cujete
Saissetia hemisphaerica (Hemispherical scale)	Rusellia sp.
Tingitid eggs (Lace-bug)	Rhododendrons
Diseases:	
Fungus	Holly leaves
Fungus (twig)	English walnut
Fungus (leaf spot)	Rhododendrons
Mycosphaerella fragariae	Strawberries

Name of Pest.	Host.
<u>FRANCE.</u>	
Aphis sp. (Plant louse)	Barberry
" " " "	Berberis purpurea (2)
" " " "	?
Aspidiotus perniciosus (San Jose scale)	Rose
Coccin	Berberis vulgaris
"	Fruit trees
Gamasus sp. (Mite)	Geranium
Lecanium sp. (Scale insect)	Ligustrum
Noctuid larvae	?
Diseases:	
Bacterium tumefaciens (Crown gall)	Fruit trees (2)
Botrytis vulgaris (Gray mold)	" "
Hairy root	" " (2)

<u>GERMANY.</u>	
Aphids (Plant lice)	Norway maple
Beetles	Coniferous trees
Diseases:	
Bacterium tumefaciens (Crown gall)	Prunus
" " " "	Crataegus seedlings
" " " "	Japanese quince
Fungus	Artisia plants

<u>GUATEMALA.</u>	
Diseases:	
Gloeosporium sp.	Remhardtia elegans
Pestalozzia sp.	" "

<u>HOLLAND.</u>	
Ants	Calluna
Aphids (Plant lice)	Japan maples
" " " "	Norway maple (2)
" " " "	" spruce
" " " "	Viburnum
Aphis sp. (Plant louse)	Spirea
Chermes sp.	Pinus mughus
Chrysomphalus dictyospermi (Scale insect)	Palms
Cocoons (?) (small)	?
Dipterous? pupa cases	Boxwood
Lepidopterous larvae	Norway maple (2)
" larva	Rhododendrons
Lepidosaphes ulmi (Oyster-shell scale)	Boxwood (?)

Name of Pest.

Host.

HOLLAND. (Continued)

Mites	Scotch elm
"	Juniperus japonica aurea
"	" tripartita
Mites and mite eggs	Junipers
Notolophus antiqua (European tussock moth)(eggs)	Rose
Nymphs	Japan maples
Rhynchophorus sp. (pupa)	Boxwood
Tingitid eggs (Lace-bug)	Rhododendron (2)
Woolly aphids (Plant lice)	Beech leaves
Diseases:	
Bacterium tumefaciens (Crown gall)	Pear
" " " "	Rhododendron
" " " "	Roses
" " " "	Syringa persica
" " " "	?
Botrytis cinerea	Roses
Fungus (leaf spot)	Rhododendrons
Pencillium sp.	Gladiolus
Spongospora subterranea (Powdery scab)	Potatoes
Volutella buxi	Boxwood

INDIA.

Calandra oryza (Rice weevil)	Hemp seed
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ITALY.

Bacterium tumefaciens (Crown gall)	Grapevines (2)
Fungus	Grape canes

JAPAN.

Diseases:	
Aspidiotus ancyclus (Putnam scale)	Ilex
Cocoon	Field-grown florist stock
Lepidosaphes newsteadii (Scale insect)	Juniperus procumbens
Pseudaonidia paeoniae (Scale insect)	Azaleas
" trilobitiformis (Scale insect)	Citrus trees
Thyridopteryx sp. (Bagworm case) (empty)	Evergreens
Diseases:	
Fungus	Citrus trees
Sphacelotheca sorghum (Smut)	Sorghum

Name of Pest.

Host.

JAVA.

Aspidiotus cyanophylli (Scale insect)	Garcinia
Chrysomphalus aurantii (Red scale of California)	Citrus
Fiorinia sp. (Scale insect)	"
Howardia biclavis (Mining scale)	"
Lepidosaphes beckii (Purple scale)	"
Morganella maskelli (Scale insect)	"
Parlaotoria ziziphus (Scale insect)	"
Saissetia oleae (Black scale)	"

NEW ZEALAND.

Howardia biclavis (Mining scale)	Senecio
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PHILLIPPINE ISLANDS.

Aspidiotus cyanophylli (Scale insect)	Mangifera indica
" " " "	Eugenia sp.
" destructor (Scale insect)	" "
" " " "	Mangifera indica var. carabao
" " " "	Dillenia indica
" " " "	Mangifera vertizillata
" lataniae (Scale insect)	" indica var. carabao
Chrysomphalus rossi (Scale insect)	Phalaenopsis schilleriana
" " " "	Orchids
Diaspis sp. (Scale insect)	Mango
Hemichionaspis minor (Scale insect)	Atalantia sp.
Hemiptera (new genus, new species)	Orchids
Pseudococcus sp. (Mealy bug)	Mangifera vertizillata
" " " "	Dillenia philippinensis
" " " "	Euphorbia longana
" " " "	Orthocarpus odoratissima
Saissetia hemisphaerica (Hemispherical scale)	Citrus moi
" nigra (Scale insect)	Mango
Uxantis consputa Stal. ?	"

RUSSIA.

Disease:

Ustilago sp. (Smut)

Barley

Name of Pest.

Host.

SAMOA (AMERICAN).

Aspidiotus destructor (Scale insect)	Cocoanut
Chrysomphalus dictyospermi (Scale insect)	Piper methisticum
Diseases:	
Ascochyta sp.? (not mature)	Pariti tilliaceum
Colletotrichum sp.	Mamalava
Diplodia sp.	Chestnut
" "	Santalum (Asi)
" "	Puslulu
" "	Pandanus tectorius (Fala)
Fungus (immature)	Tamanu (Maba speciosa)
Gloeosporium sp.	Afia
" "	Paoga
Lasiodiplodia sp.	Efi (Samoa chestnut)
Macrophoma sp.	Maabi
Naemosphaera sp.?	Paoga
Pestalozzia sp.	Chestnut
Phomopsis sp.?	Calophyllum newiocalyptum
" sp.	Maba elliptica--Agume

VENEZUELA.

Targionia biformis (Scale insect)	Orchids (3)
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List by States of Pests Collected.

Name of pest.	Host.	Country of origin.
<u>CALIFORNIA.</u>		
<i>Aspidiotus britannicus</i> (Scale insect)	Bay trees	Belgium
<i>Coccus hesperidum</i> (Soft brown scale)	" "	"
<i>Howardia biclavis</i> (Mining scale)	Senecio	New Zealand
Leaf rollers	Staghorn plants	Australia
<i>Pseudaonidia trilobitiformis</i> (Scale insect)	Citrus trees	Japan
Disease:		
Fungus	" "	"
<u>CONNECTICUT.</u>		
Aphids (Plant lice)	Viburnum	Holland
<i>Chrysomphalus</i> sp. (Scale insect)	Bay trees	Belgium
<i>Coccus hesperidum</i> (Soft brown scale)	" "	" (4)
<i>Pseudococcus</i> sp. (Mealy bug)	Araucaria	"
Spider, red	Palms	"
<u>DISTRICT OF COLUMBIA.</u>		
<i>Aspidiotus cyanophylli</i> (Scale insect)	Eugenia sp.	Philippine Islands
" " " "	Garcinia	Java
" " " "	<i>Mangifera indica</i>	Philippine Islands
" destructor (Scale insect)	" verticillata	"
" " " "	<i>Dillenia indica</i>	"
" " " "	<i>Mangifera indica</i>	
" " " "	var. carabao	"
" " " "	Eugenia sp.	"
" " " "	Cocoanut	Samoa (American)
" hederæ (Ivy scale)	Palms	Belgium (2)
" lataniae (Scale insect)	<i>Mangifera indica</i>	
" " " "	var. carabao	Philippine Islands
" " " "	Orchids	England
<i>Bruchus obtectus</i> (Bean weevil)	Phaseolus	Costa Rica
" sp. (Weevil)	Leguminous plant	Brazil
<i>Calandra oryza</i> (Rice weevil)	Hemp seed	India
" " " "	Corn	China
<i>Chrysomphalus aurantii</i> (Red scale of California)	Citrus	Java
<i>Chrysomphalus dictyospermi</i> (Scale insect)	<i>Piper methisticum</i>	Samoa (American)
" rossi	" "	Philippine Islands
<i>Diaspis</i> sp. (Scale insect)	Mango	"
<i>Florinia</i> sp. " "	Citrus	Java

Name of pest.	Host.	Country of origin.
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DISTRICT OF COLUMBIA (Continued,

Gamasus sp. (Mite)	Geranium	France
Hemichionaspis minor (Scale insect)	Atalantia sp.	Philippine Islands
Howardia biclavis (Mining scale)	Citrus	Java
Lepidosaphes beckii (Purple scale)	"	"
Morganella maskelli (Scale insect)	"	"
Parlatoria ziziphus " "	"	"
Pseudococcus sp. (Mealy bug)	Dillenia philippinensis	Philippine Isl.
" " "	Orthocarpus odoratissima	"
" " "	Euphorbia longana	"
" " "	Mangifera verticillata	"
Saissetia hemisphaerica (Hemispherical scale)	Citrus moi	"
" " "	Palms	Belgium
" nigra (Scale insect)	Mango	Philippine Isl.
" oleae (Black scale)	Citrus	Java
Sitotroga cerealella (Angoumois grain moth)	Corn	China
Uxantis consputa Stal.?	Mango	Philippine Isl.
Diseases:		
Ascochyta sp.? (not mature)	Pariti tilliaceum	Samoa (American)
Colletotrichum sp.	Mamalava	" "
Diplodia sp.	Santalum (Asi)	" "
" "	Puslulu	" "
" "	Pandanus tectorius (Fala)	" "
" "	Chestnut	" "
Fungus (immature)	Tamanu	" "
Gloeosporium sp.	Remhardtia elegans	Guatemala
" "	Paoga	Samoa (American)
" "	Afia	" "
Lasioidiplodia sp.	Efi (Samoa chestnut)	" "
Macrophoma sp.	Maabi	" "
Naemosphaera sp.?	Paoga	" "
Pestalozzia guepina Desm.?	Diospyros kaki	China
" sp.	Chestnut	Samoa (American)
" "	Remhardtia elegans	Guatemala
Phomopsis sp.?	Calophyllum newiocalyptum	Samoa (American)
" sp.	Maba elliptica--Agume	" "
Sphacelotheca sorghum (Smut)	Sorghum	Japan
Ustilago sp. (Smut)	Barley	Russia

ILLINOIS.

Aphids (Plant lice)	Palms	Belgium
Aspidiotus hederæ (Ivy scale)	Aspidistra	"
" perniciosus (San Jose scale)	Rose	France

Name of Pest.	Host.	Country of origin.
<u>INDIANA.</u>		
Aspidiotus hederæ (Ivy scale)	Palms	Belgium (2)
" " " "	Bay trees	"
Chrysomphalus dictyospermi (Scale insect)	Palms	"
Coccus hesperidum (Soft brown scale)	"	" (2)
" " " " "	Bay trees	" (2)
<u>KANSAS.</u>		
Coccus hesperidum (Soft brown scale)	?	Belgium
Dipterous? pupa cases	Boxwood	Holland
<u>KENTUCKY.</u>		
Aspidiotus britannicus (Scale insect)	Palms	Belgium
" hederæ (Ivy scale)	Bay trees	"
Coccus hesperidum (Soft brown scale)	" "	" (2)
Lepidosaphes ulmi (Oyster-shell scale)	Boxwood	Holland
<u>MARYLAND.</u>		
Chrysomphalus ficus (Florida red scale)	Palms	Belgium
Lepidosaphes ulmi (Oyster-shell scale)	Boxwood	Holland (2)
Nymphs	Japan maples	"
<u>MASSACHUSETTS.</u>		
Ants	Calluna	Holland
Aspidiotus britannicus (Scale insect)	Bay trees	Belgium (7)
" " " "	Evergreens	"
Chrysomphalus dictyospermi (Scale insect)	Palms	"
" " " " "	"	Holland
" ficus (Florida red scale)	Aspidistra	Belgium
" " " " "	Palms	"
Coccus hesperidum (Soft brown scale)	"	"
" " " " "	Bay trees	" (11)
" " " " "	Evergreens	"
" " " " "	Citrus	"
Cutworm larvae	Strawberries	England
Lecanium sp. (Scale insect)	Ligustrum	France
Lepidosaphes ulmi (Oyster-shell scale)	Boxwood	England
" " " " "	"	Holland
Notolophus antiqua (European tussock moth) (eggs)	Rose	"
" " " " "	Bay trees	Belgium
" " " " "	Apple stock	Denmark

Name of pest.

Host.

Country
of origin.MASSACHUSETTS. (Continued)

Diseases:

Bacterium tumefaciens (Crown gall)	Roses	Holland
" " " "	Rhododendron	"
" " " "	?	"
" " " "	Prunus	Germany
" " " "	Crataegus seedlings	"

MINNESOTA.

Aphis sp. (Plant louse)	?	France
" " " "	Barberry	"
" " " "	Berberis purpurea	" (2)
" " " "	Spirea	Holland
Cocoon	Berberis vulgaris	France
Lepidosaphes ulmi (Oyster-shell scale)	Boxwood	Holland
Noctuid larvae	?	France
Rhynchophorus sp. (pupa)	Boxwood	Holland
Diseases:		
Bacterium tumefaciens (Crown gall)	Syringa persica	"

MISSOURI.

Aspidiotus hederæ (?) (Ivy scale) (?)	Aspidistra	Belgium (5)
" " (?) " " (?)	Palms	" (5)
Coccus hesperidum (Soft brown scale)	Bay trees	" (5)
Lepidosaphes ulmi (Oyster-shell scale)	Boxwood	Holland
Disease:		
Fungus	Artisia plants	Germany

NEBRASKA.

Aphids (Plant lice)	Norway maple	Germany
Disease:		
Bacterium tumefaciens (Crown gall)	Japan quince	"

NEW JERSEY.

Aleyrodes sp. (White fly)	Palms	Belgium (2)
Amara ovata (Ground beetle, not injurious)	In packing	England
Chrysomphalus dictyospermi (Scale insect)	Palms	Belgium
" ficus (Florida red scale)	"	" (7)
" " " " "	Calophyllum calaba	England
" rossi (Scale insect)	Orchids	Philippine Islands
Coccus hesperidum (Soft brown scale)	Bay trees	Belgium (10)
Diaspis boisduvalii (Scale insect)	Orchids	England
Hemiptera (new genus, new species)	"	Philippine Islands
Pseudococcus nipae (Mealy bug)	Palms	Belgium
" sp. " " "	"	England
" " " " "	Crescentia cujete	"

Name of Pest.

Host.

Country
of originNEW JERSEY (Continued).

Saissetia hemisphaerica (Hemispherical scale)	Rusellia sp.	England
Targionia biformis (Scale insect)	Orchids	Venezuela(3)
" " " "	"	Colombia
Tingitid eggs (Lace bug)	Rhododendrons	Holland
Diseases:		
Bacterium tumefaciens (Crown gall)	Pear	"
Botrytis cinerea	Roses	"
Colletotrichum kentiae	Palms	Belgium
Fungus (leaf spot)	Rhododendrons	Holland
" " "	"	England
" (twig)	English walnut	"
"	Grape canes	Italy
Mycosphaerella fragariae	Strawberries	England
Pencillium sp.	Gladiolus	Holland
Volutella buxi	Boxwood	"

NEW YORK CITY. (Federal inspection).

Diseases:		
Oospora scabies (Common potato scab)	Potatoes	Bermuda
" " " "	"	Denmark
Phytophthora	"	"
Rhizoctonia (sclerotia of)	"	"
Silver scurf	"	" (2)
Spongospora subterranea (Powdery scab)	" Island of Bornholm	"
" " " "	"	Holland
" " " "	"	Belgium(2)

OHIO.

Aspidiotus hederæ (?) (Ivy scale) (?)	Palms	Belgium
Coccus hesperidum (Soft brown scale)	Bay trees	"

PENNSYLVANIA.

Aphids (Plant lice)	Japan maples	Holland
" " "	Norway spruce	"
" " "	" maple	" (2)
Aspidiotus ancyclus (Putnam scale)	Ilex	Japan
" hederæ (?) (Ivy scale) (?)	Palms	Belgium(2)
Beetles	Coniferous trees	Germany
Chermes sp.	Pinus mughus	Holland
Coccus hesperidum (Soft brown scale)	Bay trees	Belgium(4)
" " " "	Palms	"
Cocoon of (?)	Field-grown florist stock	Japan
Cocoon (?) (small)	?	Holland
Diaspis boisduvalii (?) (Scale insect)	Palms	Belgium (2)
Lecanium sp. (?) (Scale insect)	"	"

Name of Pest.	Host.	Country of origin
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PENNSYLVANIA. (Continued).

Lepidopterous larvae	Norway maple	Holland (2)
" larva	Rhododendron	"
Lepidosaphes newsteadi (Scale insect)	Juniperus procumbens	Japan
" ulmi (Oyster-shell scale)	Boxwood	Holland
Leptobyrsa explanata (Lace bug)	Rhododendrons	England
Mites	Scotch elm	Holland
"	Juniperus japonica aurea	"
"	" tripartita	"
" and mite eggs	Junipers	"
Pseudaonidia paeoniae (Scale insect)	Azaleas	Japan
Pseudococcus sp. (Mealy bug)	Palms	Belgium
" " " "	Dracaena	"
" " " "	Araucarias	"
Spiders, red	Palms	"
Thyridopteryx sp. (Bagworm case) (empty)	Evergreens	Japan
Tingitid eggs (Lace bug)	Rhododendrons	England
" " " "	"	Holland
Woolly aphids	Beech leaves	"
Diseases:		
Bacterium tumefaciens (Crown gall)	Fruit tree stocks	France
Colletotrichum omnivorum	Aspidistra	Belgium
Fungus	Holly leaves	England
Hairy root	Fruit tree stocks	France

RHODE ISLAND.

Disease:

Bacterium tumefaciens (Crown gall)	Grapevines	Italy (2)
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SOUTH CAROLINA.

Coccus hesperidum (Soft brown scale)	?	Belgium
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UTAH.

Bacterium tumefaciens (Crown gall)	Fruit trees	France
Botrytis vulgaris (Gray mold)	" "	"
Hairy root	" "	"

WASHINGTON.

Cocoons	Fruit trees	France
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